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| Application Data Sheet 37 CFR 1.76  |  |                          | Attorne                     | y Docket   | Number      | 681443-1U1 |         |            |          |              |        |        |
|---|--|--------------------------|-----------------------------|------------|-------------|------------|---------|------------|----------|--------------|--------|--------|
|   |  |                          | Applica                     | tion Num   | ber         |            |         |            |          |              |        |        |
| Title of Invention  | Superjunction Device Having Oxide Lined Trenches and Method for Manufacturing a Superjunction Device Having Oxide Lined Trenches |                          |                             |            |             |            |         |            | ce       |              |        |        |
| The application data srhee bibliographic data arrange This document may be odocument may be printed | ed in a format specified ompleted electronicall  | l by the Ur<br>y and sub | ited States<br>mitted to th | Patent and | Trademark O | ffice as   | outline | ed in 37 C | CFR 1.7  | 6.           |        |        |
| Secrecy Order   | 37 CFR 5.2   |                          |                             |            |             |            |         |            |          |              |        |        |
|   | the application asso<br>per filers only. Ap  |                          | •                           | •          |             | -          |         |            |          | •            |        | ant to |
| Applicant Infor   | mation:  |                          |                             |            |             |            |         |            |          |              |        |        |
| Applicant 1   |  |                          |                             |            |             |            |         |            | Rer      | move         |        |        |
| Applicant Authority   | √ ● Inventor □ l   | _egal Rep                | oresentativ                 | e under 3  | 5 U.S.C. 11 | 7          | Pa      | ırty of In | terest i | under 35 l   | J.S.C. | 118    |
| Prefix Given Name   | l l  | М                        | iddle Nar                   | ne         |             | Fam        | ily Na  | ame        |          |              | 5      | Suffix |
| Samuel  |  |                          |                             |            |             | Ande       | erson   |            |          |              |        |        |
| Residence Informa   | tion (Select One)  | ) 💿 US                   | Residenc                    | у 🔘        | Non US Res  | sidency    | , C     | ) Active   | e US M   | lilitary Ser | vice   |        |
| City Tempe  |  | State                    | /Province                   | e AZ       | Countr      | y of R     | eside   | ence i     | US       |              |        |        |
| Citizenship under 3   | 7 CFR 1.41(b) i  | UK                       |                             | •          | •           |            |         | '          |          |              |        |        |
| Mailing Address of  | Applicant:   |                          |                             |            |             |            |         |            |          |              |        |        |
| Address 1   | P. O. Box 246  | 519                      |                             |            |             |            |         |            |          |              |        |        |
| Address 2   |  |                          |                             |            |             |            |         |            |          |              |        |        |
| City Tempe  |  |                          |                             | St         | ate/Provin  | ice        | А       | Z          |          |              |        |        |
| Postal Code   | 85285  |                          |                             | Country    | /i US       |            |         |            |          |              |        |        |
| All Inventors Must generated within this  |  |                          |                             | nformatio  | n blocks i  | may b      | e       |            | Α        | Add          |        |        |
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| Enter either Custor<br>For further informa  |  | -                        | the Corre                   | esponde    | nce Inforn  | nation     | sect    | ion be     | low.     |              |        |        |
| An Address is   | being provided f   | or the c                 | orrespon                    | dence In   | formation   | of thi     | s app   | olicatio   | n.       |              |        |        |
| Customer Number   | 00570  | 00570                    |                             |            |             |            |         |            |          |              |        |        |
| Email Address   | jsimmons@  | akingun                  | np.com                      |            |             |            |         | Add E      | mail     | Rem          | ove Em | ıail   |
| Application Inf   | ormation:  |                          |                             |            |             |            |         |            |          |              |        |        |
| Title of the Invention  |  |                          | ce Having de Lined Tr       |            | ed Trenches | and M      | ethod   | for Man    | nufactu  | ring a Sup   | erjunc | tion   |
| Attorney Docket Nu  | <b>imber</b> 681443-10   | J1                       |                             |            | Small Ent   | ity Sta    | atus (  | Claime     | d _      | ]            |        |        |
| Application Type  | Nonprovis  | ional                    |                             |            |             |            |         |            |          |              |        |        |
| Subject Matter  | Utility  |                          |                             |            |             |            |         |            |          |              |        |        |
| Suggested Class (i  | f any)   |                          |                             |            | Sub Class   | s (if ar   | ıy)     |            |          |              |        |        |
| Suggested Techno  | ogy Center (if an  | ıy)                      |                             |            |             |            |         |            |          |              |        |        |
| Total Number of Dr  | awing Sheets (if   | any)                     | 9                           |            | Suggeste    | d Figu     | ıre fo  | or Publ    | icatio   | n (if any)   | ,      |        |

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| Application Data  | Attorney D  | ocket Number                                    | 681443-1U1          |                   |            |              |                |
|---|---|---|---------------------|-------------------|------------|--------------|----------------|
| Application Data  | Application   | n Number  |                     |                   |            |              |                |
|   | uperjunction Device Having<br>aving Oxide Lined Trenches                            |   | Trenches and Metho  | od for Manufa     | acturing a | s Superjund  | ction Device   |
| Publication Informati   | ion   |   |                     |                   |            |              |                |
|   |   |   | 107.050.1.04        | 0)                |            |              |                |
|   | iblication (Fee required a  | <u> </u>  |                     |                   |            | I 25 I I C   | 2 O 400(h)     |
| and certify that th   | ublish. I hereby request<br>ne invention disclosed in<br>n another country, or und  | the attached                                    | application has n   | ot been and       | d will not | be the su    | ubject of an   |
| Representative  | Information:  |   |                     |                   |            |              |                |
| Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing. |   |   |                     |                   |            |              |                |
| Please Select One:  | Customer Number   | r 🔘 US  | Patent Practitioner | O US              | Represe    | entative (37 | 7 CFR 11.9)    |
| Customer Number   | 00570   |   |                     |                   |            |              |                |
| Domestic Priority Information:  This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the   |   |   |                     |                   |            |              |                |
|   | onstitutes the specific reference<br>ise be made part of the spe                    | •   | oy 35 U.S.C. 119(e) | or 120, and       | 37 CFR 1   | .78(a)(2) c  | or CFR 1.78(a) |
| Prior Application Sta   | atus  |   |                     |                   |            | Remove       |                |
| Application Numbe   | er Continuity   | Туре  | Prior Applicatio    | ion Number Filing |            | Date (Y)     | /YY-MM-DD)     |
|   | a 371 of internationa   | al  | PCT/US06/15310      | )                 | 2006-04-21 |              |                |
| Prior Application Sta   | atus  |   |                     |                   |            | Remove       |                |
| Application Number Continuity T   |   | Туре  | Prior Applicatio    | ion Number Filing |            | Date (Y)     | (YY-MM-DD)     |
| PCT/US06/15310  | non provisional of  |   | 60673935            |                   | 2005-0     | 4-22         |                |
| Additional Domestic Priority Data may be generated within this form by selecting the Add button.  |   |   |                     |                   |            |              |                |
| Foreign Priority  | Information:  |   |                     |                   |            |              |                |
|   | e applicant to claim benefit<br>is information in the applica                       |   |                     |                   |            | ired by 35   |                |
| Application Number  | v i   | Parent Filing Date (YYYY-MM-DD) Priority Claims |                     |                   |            |              |                |
| Application Number Country i  |   |   | (•) Yes ( No        |                   |            |              |                |
| Additional Foreign Pri  | Additional Foreign Priority Data may be generated within this form by selecting the |   |                     |                   |            |              |                |
| Add button.  Add button.  Add   |   |   |                     |                   |            |              |                |

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| Application Data Sheet 37 CFR 1.76 |  | Attorney Docket Number | 681443-1U1 |  |  |
|------------------------------------|--|------------------------|------------|--|--|
|                                    |  | Application Number     |            |  |  |
| Title of Invention                 | Superjunction Device Having Oxide Lined Trenches and Method for Manufacturing a Superjunction Device Having Oxide Lined Trenches |                        |            |  |  |

## **Assignee Information:**

| _                             | in the application data sheet does not<br>ignment recorded in the Office. | substitute for compliance w | ith any requirement of part 3 of Title 37 |
|-------------------------------|---|-----------------------------|---|
| Assignee 1                    |   |                             | Remove                                    |
| If the Assignee is an Or      | ganization check here.  |                             |   |
| Organization Name             | Icemos Technology Corporation   |                             |   |
| Mailing Address Infor         | mation:   |                             |   |
| Address 1                     | P. O. Box 24619   |                             |   |
| Address 2                     |   |                             |   |
| City                          | Tempe   | State/Province              | AZ  |
| Country   US                  |   | Postal Code                 | 85285                                     |
| Phone Number                  |   | Fax Number                  |   |
| Email Address                 |   |                             |   |
| Additional Assignee Dabutton. | ta may be generated within this t   | form by selecting the Ad    | d Add                                     |

## Signature:

| A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature. |                   |           |                   |                     |       |  |  |
|--|-------------------|-----------|-------------------|---------------------|-------|--|--|
| Signature  | /John D. Simmons/ |           | Date (YYYY-MM-DD) | 2006-06-22          |       |  |  |
| First Name   | John              | Last Name | Simmons           | Registration Number | 52225 |  |  |

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.** 

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